Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-28-105** **Date: 25/11/2019**

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 20-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 25/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	18/11/2019	25/11/2019	151.43 X 149.94 X 150.56	22705	**8.616**	410.3	18.1	18.2
Drain Bottom Slab Concrete	M20	18/11/2019	25/11/2019	150.30 X 151.23 X 149.46	22730	**8.045**	418.9	18.4	
Drain Bottom Slab Concrete	M20	18/11/2019	25/11/2019	149.94 X 149.46 X 151.07	22410	**8.556**	407.7	18.2	

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R KARTHIK RECHAN
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Quality Manager

****End of Report****

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-28-105** **Date: 16/12/2019**

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 20-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 16/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	18/11/2019	16/12/2019	150.83 X 150.99 X 150.64	22773	**8.947**	533.5	23.4	23.1
Drain Bottom Slab Concrete	M20	18/11/2019	16/12/2019	151.46 X 149.48 X 149.20	22641	**8.689**	500.3	22.1	
Drain Bottom Slab Concrete	M20	18/11/2019	16/12/2019	150.94 X 150.77 X 149.29	22758	**8.703**	540.6	23.8	

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TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-28-105** **Date: 26/11/2019**

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 26/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	151.72 X 149.03 X 150.98	22612	**8.616**	410.5	18.2	18.4
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	149.91 X 149.98 X 151.96	22483	**8.045**	408.5	18.2	
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	151.58 X 151.54 X 150.72	22971	**8.556**	436.4	19.0	

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: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 17/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	150.80 X 149.53 X 149.08	22549	**8.947**	530.0	23.5	23.2
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	149.72 X 149.79 X 149.85	22427	**8.689**	503.8	22.5	
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	151.43 X 149.84 X 151.74	22690	**8.703**	535.8	23.6	

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: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 26/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	150.66 X 149.71 X 150.98	22556	**8.616**	418.6	18.6	18.4
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	151.80 X 149.73 X 151.53	22729	**8.045**	419.1	18.4	
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	150.49 X 149.37 X 150.48	22478	**8.556**	410.9	18.3	

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: **CP-2020-02-28-105** **Date: 17/12/2019**

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: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 17/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	151.86 X 149.89 X 150.19	22761	**8.947**	542.5	23.8	23.4
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	149.51 X 151.50 X 151.59	22652	**8.689**	508.5	22.4	
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	149.90 X 151.82 X 149.37	22758	**8.703**	545.9	24.0	

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: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 26/11/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	149.70 X 150.05 X 150.83	22462	**8.616**	416.3	18.5	18.4
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	149.71 X 150.31 X 150.30	22503	**8.045**	411.6	18.3	
Drain Bottom Slab Concrete	M20	19/11/2019	26/11/2019	150.95 X 151.24 X 150.23	22830	**8.556**	422.7	18.5	

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: CP-2020-02-28-105 **Date: 17/12/2019**

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 21-11-19

: Drain Bottom Slab Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 17/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	149.10 X 150.97 X 149.57	22510	8.947	526.9	23.4	23.3
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	149.77 X 151.02 X 151.10	22617	8.689	507.2	22.4	
Drain Bottom Slab Concrete	M20	19/11/2019	17/12/2019	150.61 X 151.08 X 151.38	22753	8.703	545.7	24.0	

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TEST REPORT OF CEMENT CONCRETE CUBES

: **CP-2020-02-28-105** **Date: 02/12/2019**

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 02/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	149.77 X 151.27 X 151.48	22655	**8.616**	427.7	18.9	18.5
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	151.81 X 151.22 X 149.57	22956	**8.045**	416.0	18.1	
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	151.69 X 151.20 X 150.60	22935	**8.556**	422.6	18.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-02-28-105

Date: 23/12/2019

: Improvements to CC Roads and CC Drains works at Vinayakanagara in Ward No.05 Byatarayanapura Sub Division

: Executive Engineer, KRIDL, Bangalore.

: EE(Project)/YnkZone/WO/68/2019-20

: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 23/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	149.77 X 150.30 X 151.59	22512	8.947	523.9	23.3	23.4
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	151.57 X 150.09 X 149.74	22749	8.689	520.9	22.9	
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	151.50 X 149.28 X 149.59	22616	8.703	541.3	23.9	

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: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 02/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	149.52 X 150.54 X 149.40	22508	**8.616**	418.1	18.6	18.3
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	149.26 X 150.44 X 151.76	22454	**8.045**	405.4	18.1	
Drain Side Wall Concrete	M20	25/11/2019	02/12/2019	151.55 X 151.55 X 151.77	22967	**8.556**	418.6	18.2	

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: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 23/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	150.72 X 151.56 X 151.28	22844	**8.947**	527.7	23.1	23.0
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	149.48 X 151.45 X 150.72	22638	**8.689**	500.7	22.1	
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	151.82 X 151.02 X 150.59	22928	**8.703**	543.4	23.7	

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: EE(Project)/YnkZone/WO/68/2019-20

: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 23/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	150.72 X 151.56 X 151.28	22844	**8.947**	527.7	23.1	23.0
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	149.48 X 151.45 X 150.72	22638	**8.689**	500.7	22.1	
Drain Side Wall Concrete	M20	25/11/2019	23/12/2019	151.82 X 151.02 X 150.59	22928	**8.703**	543.4	23.7	

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: Executive Engineer, KRIDL, Bangalore.

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: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 02/12/2019

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
	M20	25/11/2019	02/12/2019	149.30 X 149.86 X 149.37	22374	**8.616**	416.1	18.6	18.4
	M20	25/11/2019	02/12/2019	149.35 X 150.31 X 149.73	22449	**8.045**	404.9	18.0	
	M20	25/11/2019	02/12/2019	149.42 X 151.30 X 151.17	22608	**8.556**	418.1	18.5	

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: EE(Project)/YnkZone/WO/68/2019-20

: 27-11-19

: Drain Side Wall Concrete

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 23/12/2019

	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
	M20	25/11/2019	23/12/2019	149.99 X 150.10 X 149.51	22513	8.947	525.8	23.4	23.0
	M20	25/11/2019	23/12/2019	150.85 X 149.90 X 150.95	22612	8.689	513.5	22.7	
	M20	25/11/2019	23/12/2019	149.68 X 151.58 X 150.62	22688	8.703	521.9	23.0	

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